

Fig. 1

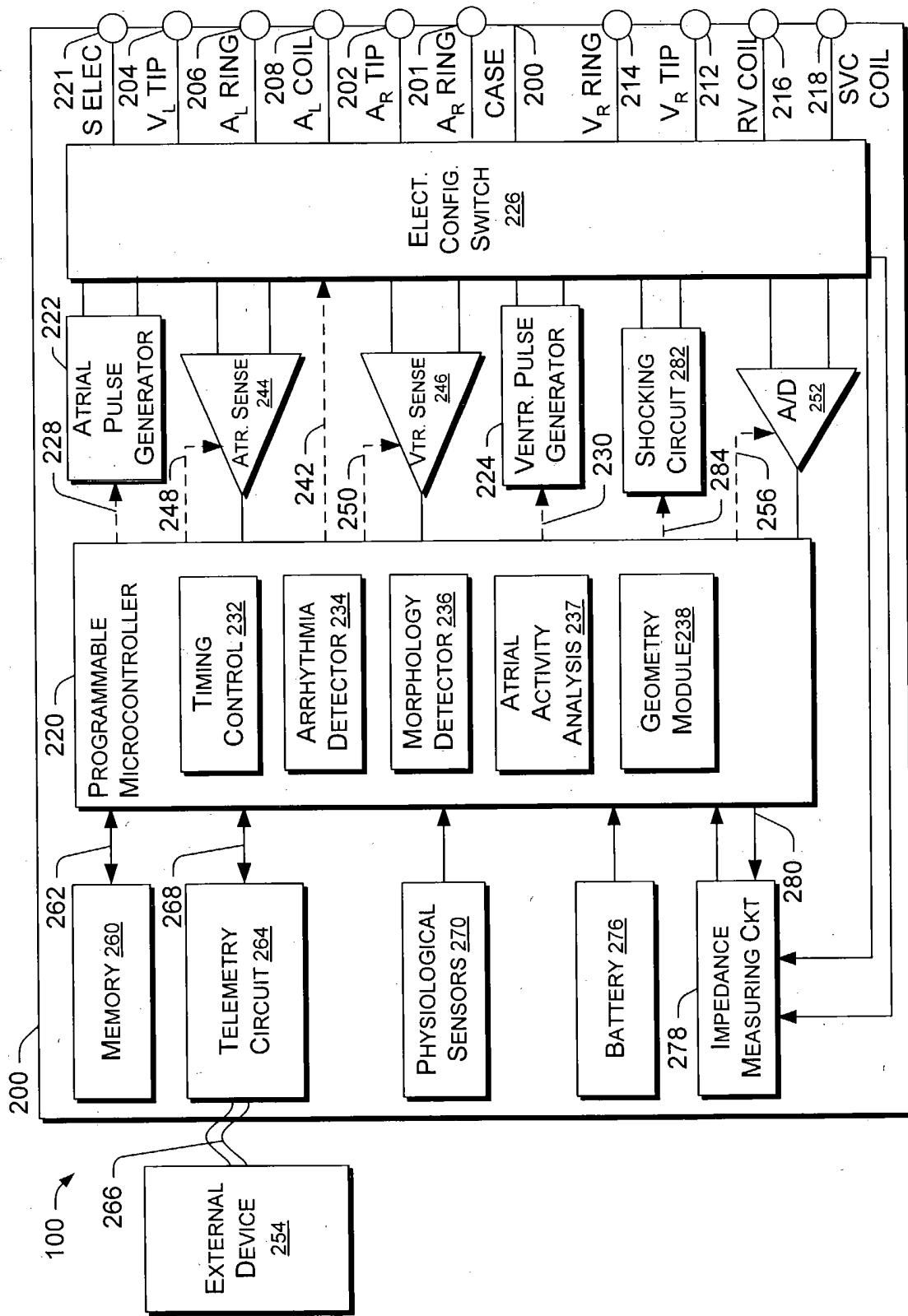
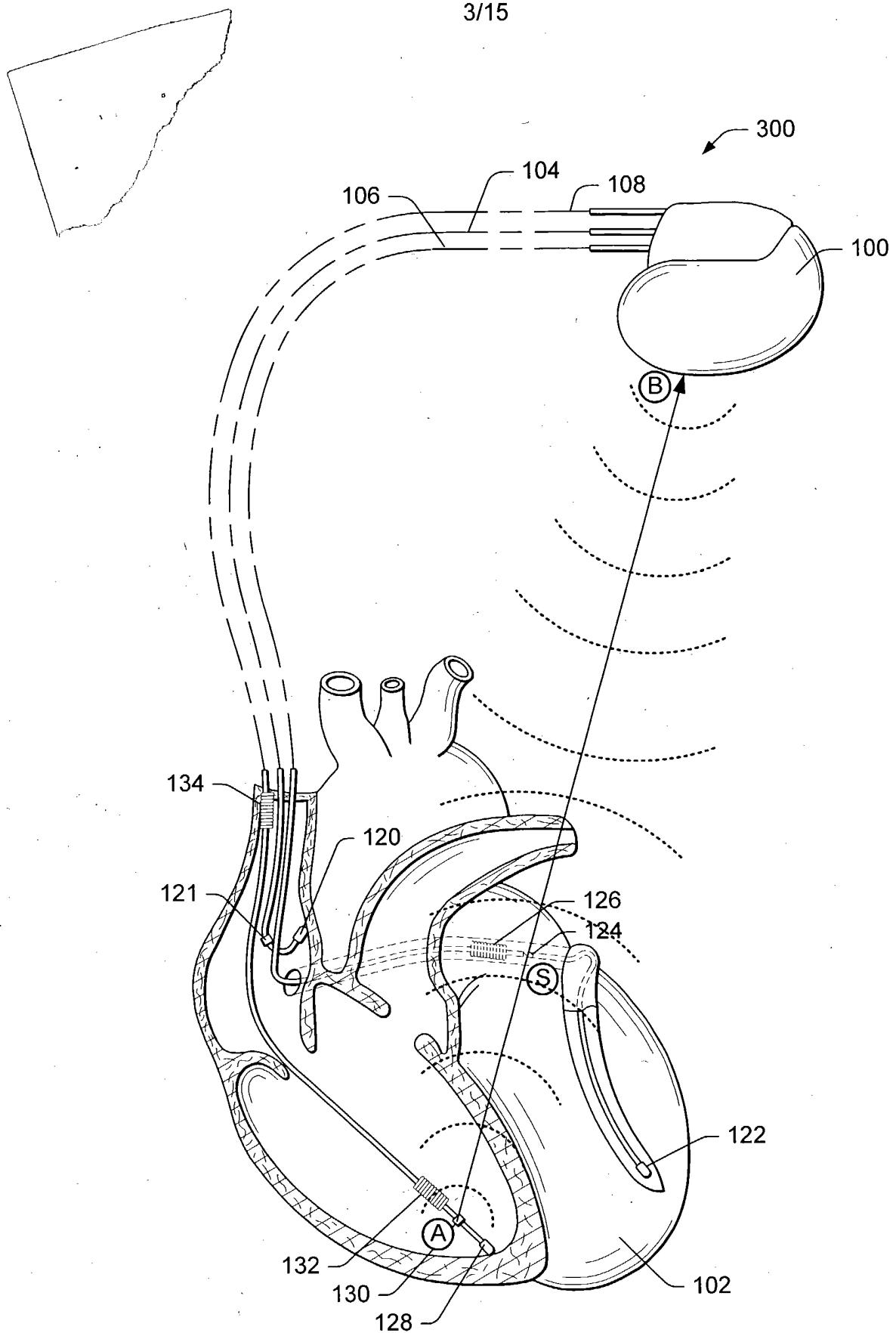


Fig. 2



**Fig.3**

EXEMPLARY PLOT OF DISPLACEMENT VERSUS  
PERCENTAGE CHANGE IN POTENTIAL

400

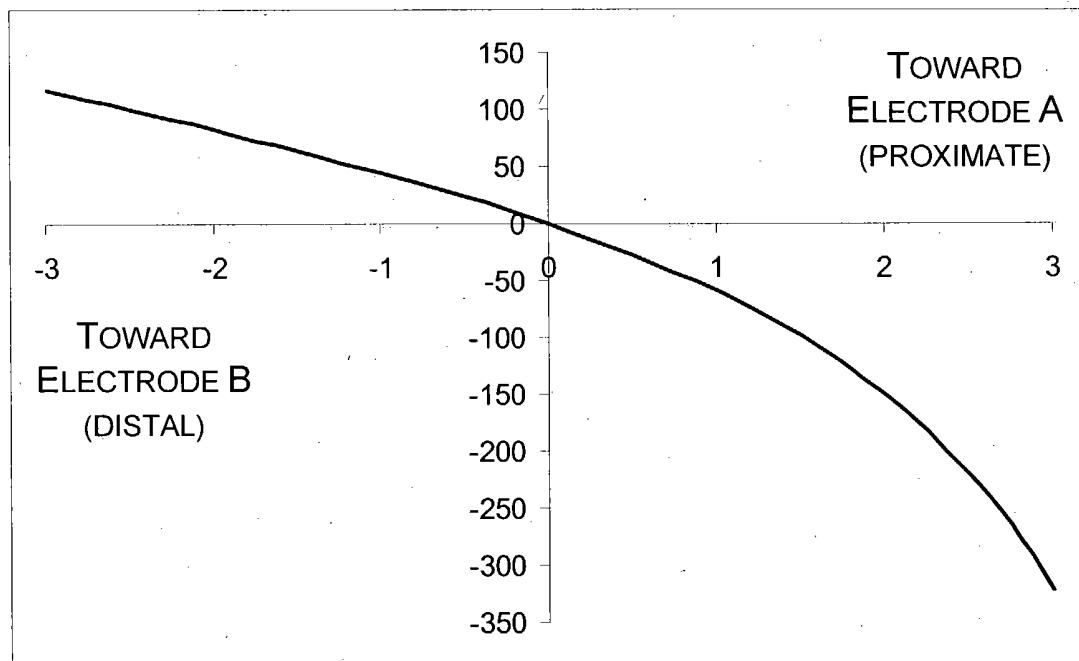


Fig.4

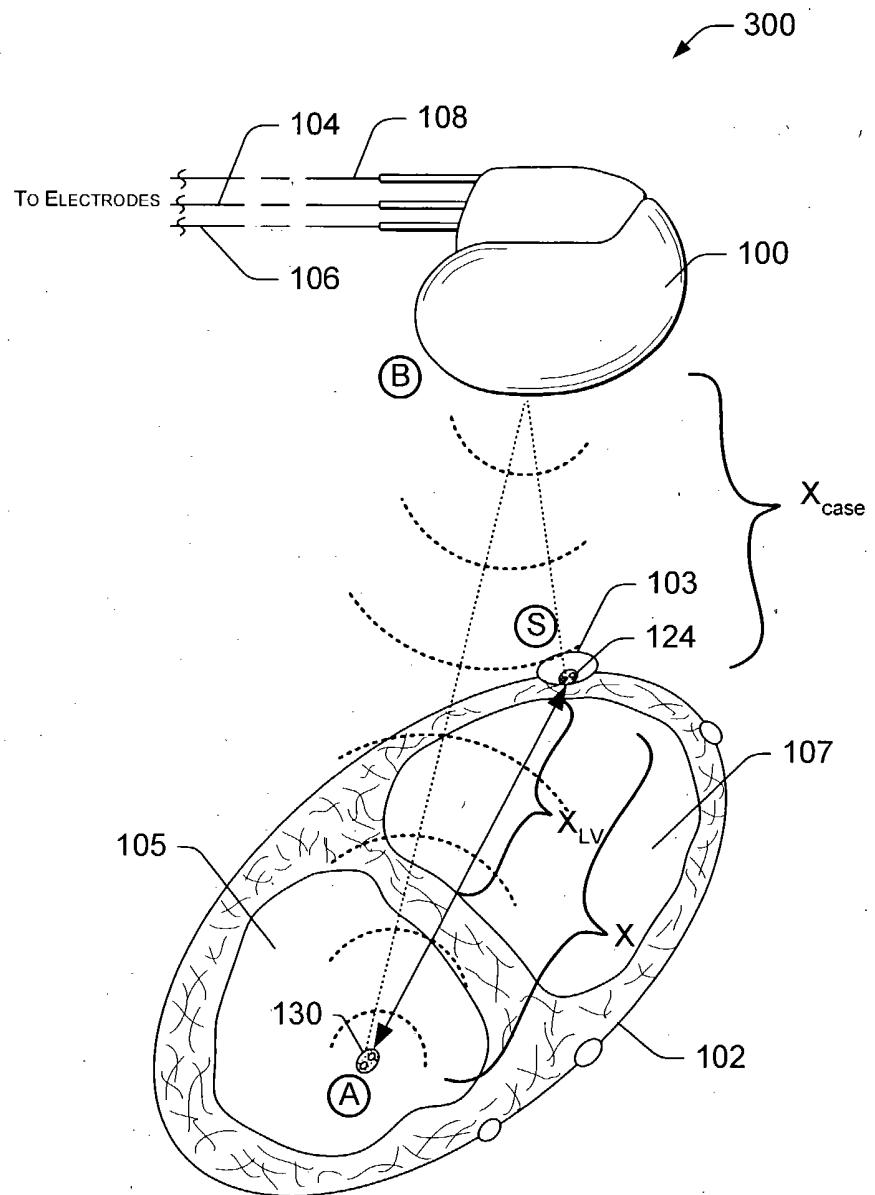


Fig.5

600

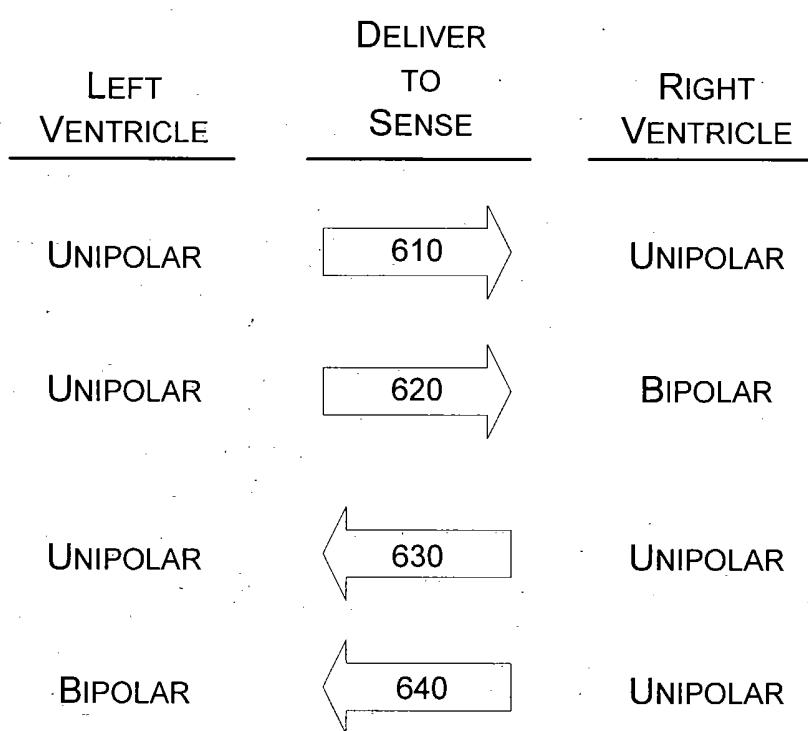
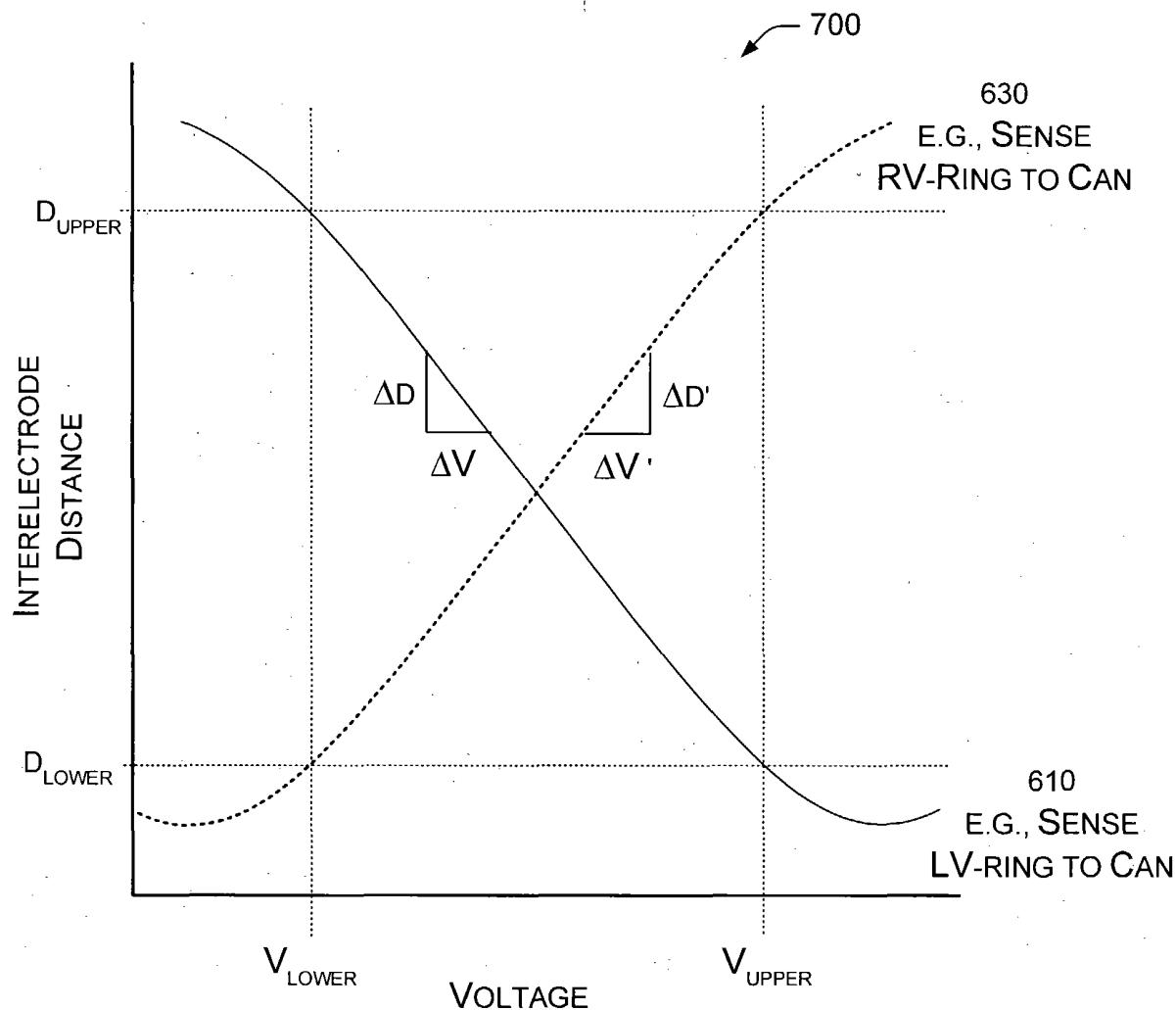


Fig.6



POLYNOMIAL MODEL

$$Y = C_0 + C_1 \cdot X + C_2 \cdot X^2 + C_3 \cdot X^3$$

LINEAR MODEL

$$Y = C_0 + C_1 \cdot X$$

$$C_1 = M = \Delta D / \Delta V = \Delta D' / \Delta V'$$

OTHER MODEL

$$Y = F(X) \text{ AND/OR OTHER PARAMETER}$$

Fig.7

## EXEMPLARY METHOD

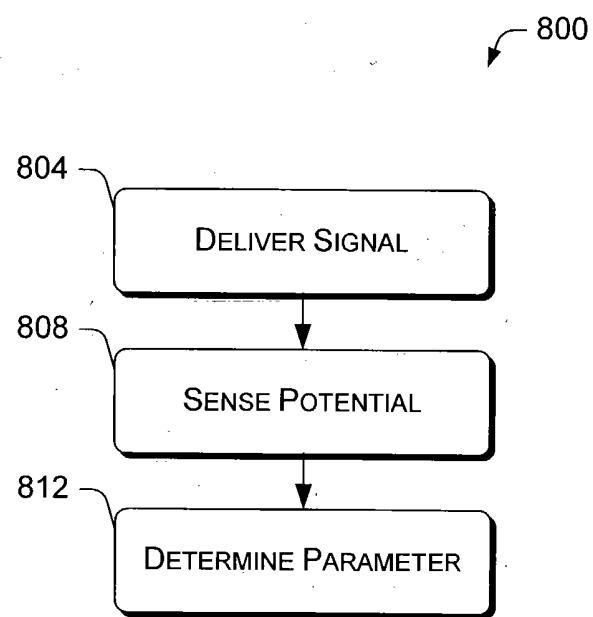


Fig.8

## EXEMPLARY METHOD

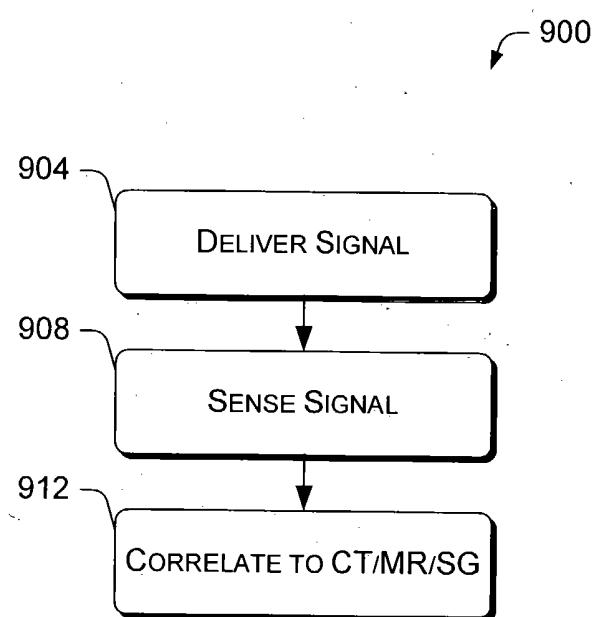


Fig.9

## EXEMPLARY METHOD

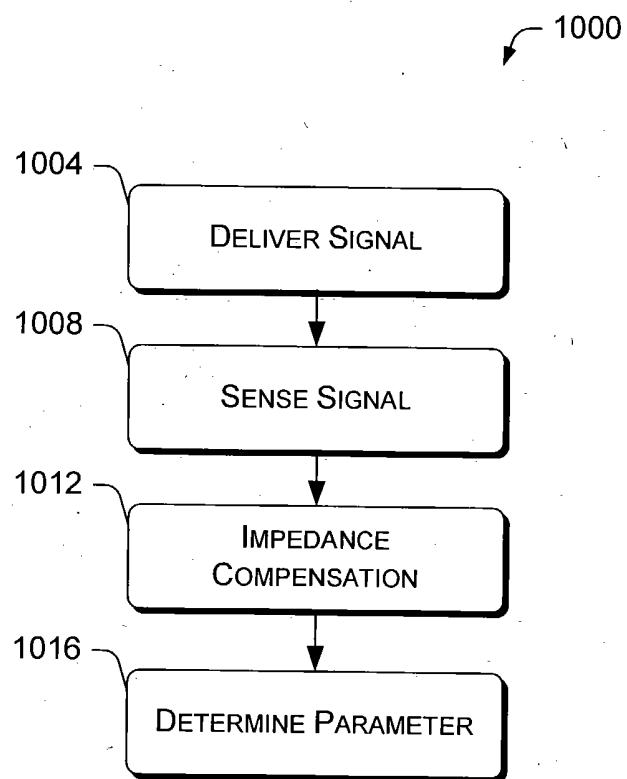
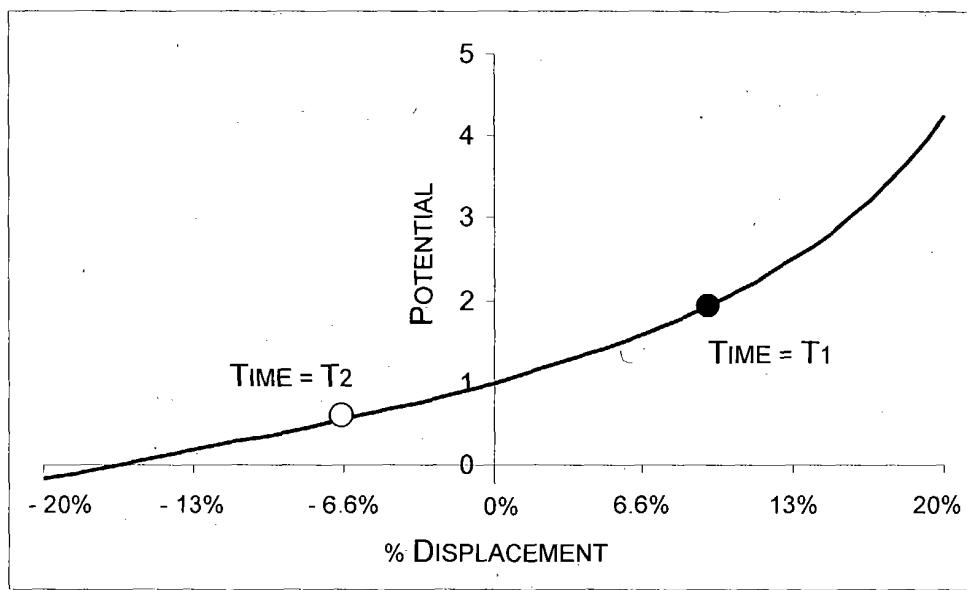


Fig.10

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1110

### NORMALIZED POTENTIAL VERSUS DISPLACEMENT



1120

### NORMALIZED POTENTIAL AND DISPLACEMENT VERSUS TIME

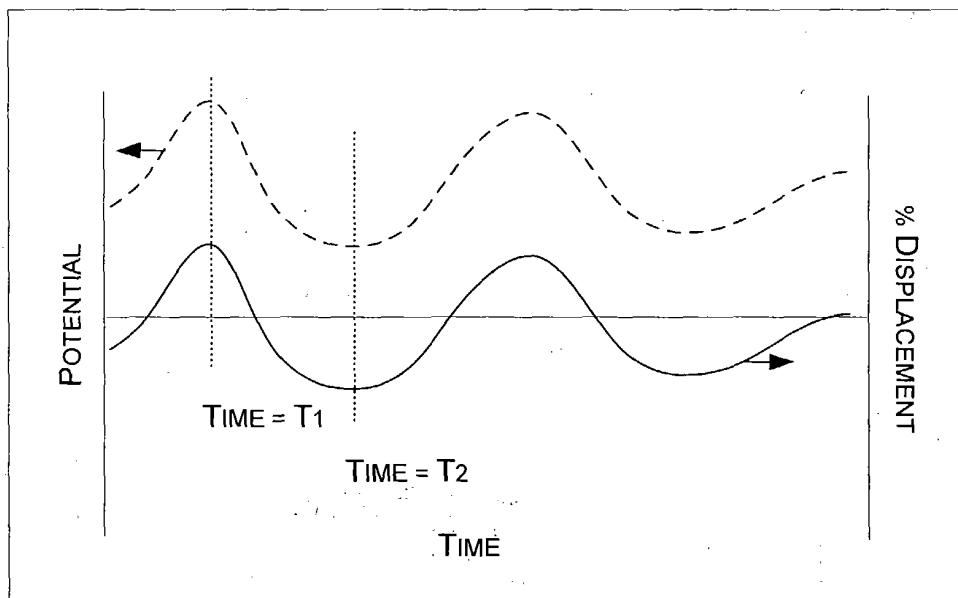
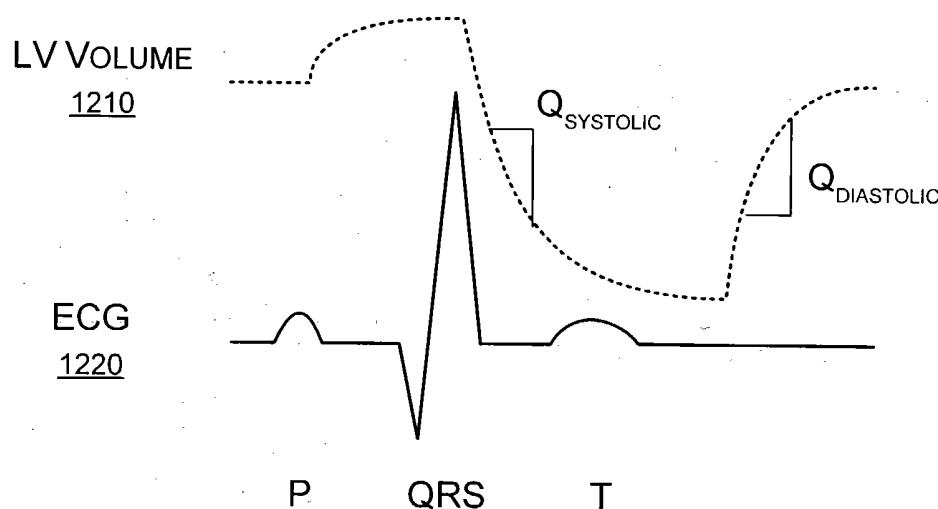


Fig. 11

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1200



POTENTIAL  
FIELD  
1230



SENSOR  
1240



DISPLACEMENT  
1250

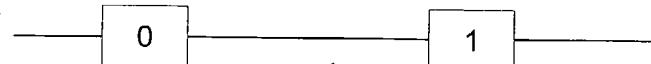


Fig. 12

## EXEMPLARY METHOD

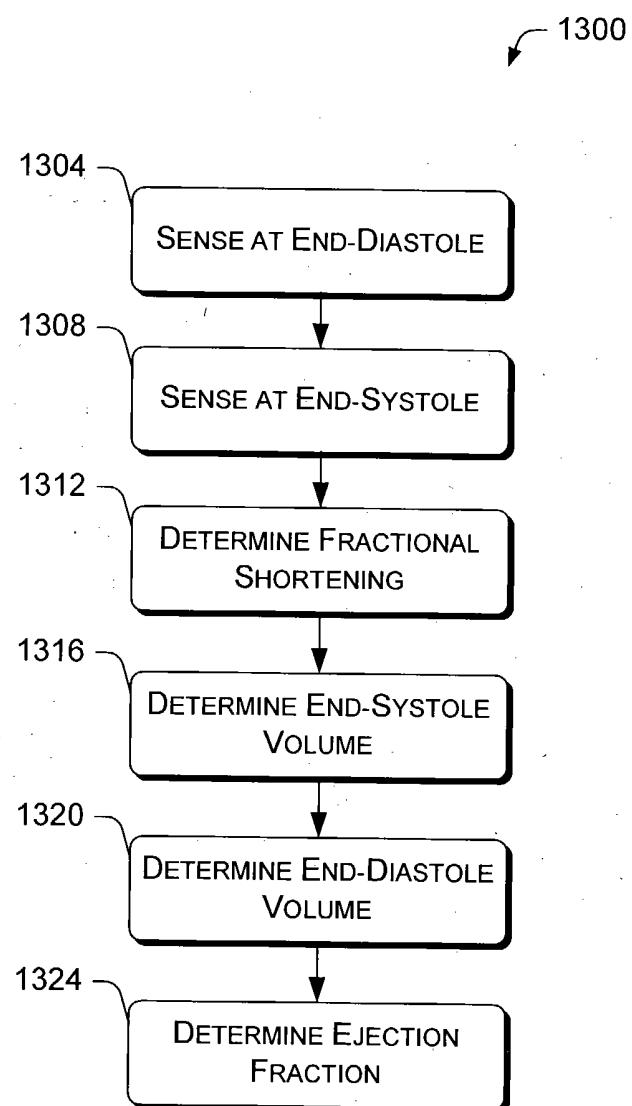


Fig.13

## EXEMPLARY METHOD

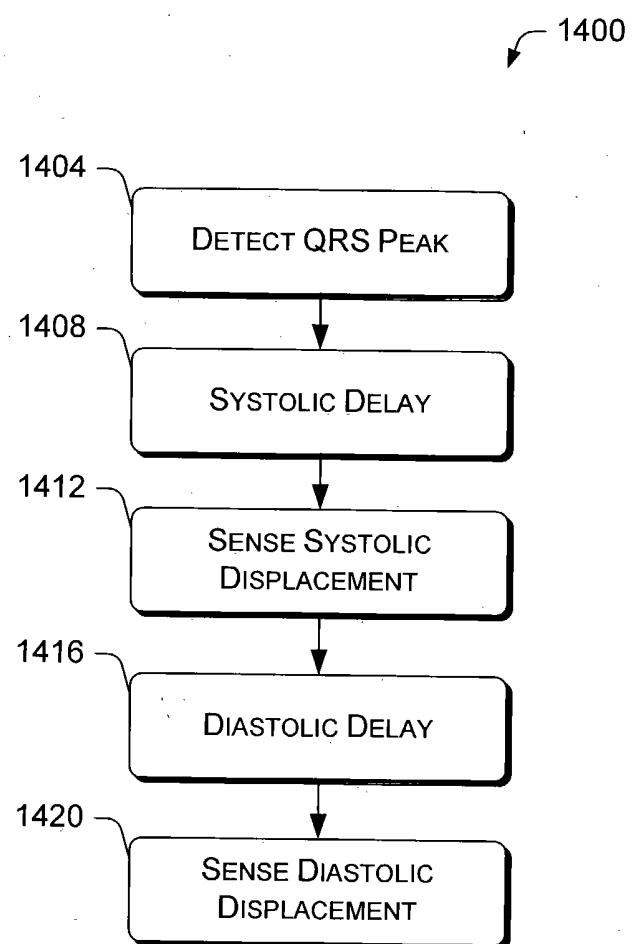


Fig.14

## EXEMPLARY METHOD

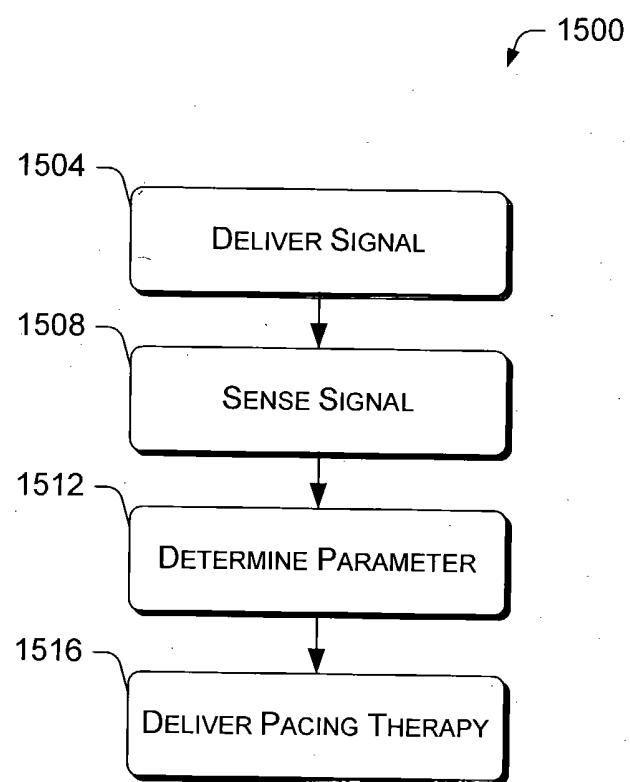


Fig.15